

Dennis Q Truong

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,431
citations

430874

18
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

1802
citing authors

#	ARTICLE	IF	CITATIONS
1	Focal Modulation of the Primary Motor Cortex in Fibromyalgia Using 4Å–1-Ring High-Definition Transcranial Direct Current Stimulation (HD-tDCS): Immediate and Delayed Analgesic Effects of Cathodal and Anodal Stimulation. <i>Journal of Pain</i> , 2013, 14, 371-383.	1.4	166
2	Computational modeling of transcranial direct current stimulation (tDCS) in obesity: Impact of head fat and dose guidelines. <i>NeuroImage: Clinical</i> , 2013, 2, 759-766.	2.7	160
3	Spatial and polarity precision of concentric high-definition transcranial direct current stimulation (HD-tDCS). <i>Physics in Medicine and Biology</i> , 2016, 61, 4506-4521.	3.0	131
4	State-of-art neuroanatomical target analysis of high-definition and conventional tDCS montages used for migraine and pain control. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 89.	1.7	107
5	Brief Report: Excitatory and Inhibitory Brain Metabolites as Targets of Motor Cortex Transcranial Direct Current Stimulation Therapy and Predictors of Its Efficacy in Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2015, 67, 576-581.	5.6	88
6	Neuromodulation of Axon Terminals. <i>Cerebral Cortex</i> , 2018, 28, 2786-2794.	2.9	75
7	High-Resolution Multi-Scale Computational Model for Non-Invasive Cervical Vagus Nerve Stimulation. <i>Neuromodulation</i> , 2018, 21, 261-268.	0.8	75
8	High-Definition and Non-invasive Brain Modulation of Pain and Motor Dysfunction in Chronic TMD. <i>Brain Stimulation</i> , 2015, 8, 1085-1092.	1.6	58
9	Clinician Accessible Tools for GUI Computational Models of Transcranial Electrical Stimulation: BONSAI and SPHERES. <i>Brain Stimulation</i> , 2014, 7, 521-524.	1.6	52
10	Modeling sequence and quasi-uniform assumption in computational neurostimulation. <i>Progress in Brain Research</i> , 2015, 222, 1-23.	1.4	51
11	Direct current stimulation over the anterior temporal areas boosts semantic processing in primary progressive aphasia. <i>Annals of Neurology</i> , 2016, 80, 693-707.	5.3	47
12	Transspinal direct current stimulation immediately modifies motor cortex sensorimotor maps. <i>Journal of Neurophysiology</i> , 2015, 113, 2801-2811.	1.8	45
13	Temperature increases by kilohertz frequency spinal cord stimulation. <i>Brain Stimulation</i> , 2019, 12, 62-72.	1.6	45
14	Physics of Transcranial Direct Current Stimulation Devices and Their History. <i>Journal of ECT</i> , 2018, 34, 137-143.	0.6	40
15	Enhanced tES and tDCS computational models by meninges emulation. <i>Journal of Neural Engineering</i> , 2020, 17, 016027.	3.5	37
16	A simple method for EEG guided transcranial electrical stimulation without models. <i>Journal of Neural Engineering</i> , 2016, 13, 036022.	3.5	34
17	Tissue Temperature Increases by a 10 kHz Spinal Cord Stimulation System: Phantom and Bioheat Model. <i>Neuromodulation</i> , 2021, 24, 1327-1335.	0.8	26
18	Automatic M1-SO Montage Headgear for Transcranial Direct Current Stimulation (TDCS) Suitable for Home and High-Throughput In-Clinic Applications. <i>Neuromodulation</i> , 2019, 22, 904-910.	0.8	20

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19	Cerebellar transcranial alternating current stimulation modulates human gait rhythm. <i>Neuroscience Research</i> , 2020, 156, 265-270.	1.9	19
20	Polarity-Dependent Misperception of Subjective Visual Vertical during and after Transcranial Direct Current Stimulation (tDCS). <i>PLoS ONE</i> , 2016, 11, e0152331.	2.5	19
21	Minimal Heating at the Skin Surface During Transcranial Direct Current Stimulation. <i>Neuromodulation</i> , 2018, 21, 334-339.	0.8	17
22	Manipulation of Human Verticality Using High-Definition Transcranial Direct Current Stimulation. <i>Frontiers in Neurology</i> , 2018, 9, 825.	2.4	17
23	The Quasi-uniform assumption for Spinal Cord Stimulation translational research. <i>Journal of Neuroscience Methods</i> , 2019, 328, 108446.	2.5	17
24	Center of Pressure Speed Changes with tDCS Versus GVS in Patients with Lateropulsion after Stroke. <i>Brain Stimulation</i> , 2016, 9, 796-798.	1.6	15
25	Language boosting by transcranial stimulation in progressive supranuclear palsy. <i>Neurology</i> , 2019, 93, e537-e547.	1.1	14
26	Finite Element study of skin and fat delineation in an obese subject for transcranial Direct Current Stimulation. , 2012, 2012, 6587-90.		13
27	Methods for Specific Electrode Resistance Measurement During Transcranial Direct Current Stimulation. <i>Brain Stimulation</i> , 2015, 8, 150-159.	1.6	13
28	Principles of Within Electrode Current Steering ¹ . <i>Journal of Medical Devices, Transactions of the ASME</i> , 2015, 9, .	0.7	8
29	A Feasibility Study of Bilateral Anodal Stimulation of the Prefrontal Cortex Using High-Definition Electrodes in Healthy Participants. <i>Yale Journal of Biology and Medicine</i> , 2015, 88, 219-25.	0.2	7
30	Selective augmentation of corticospinal motor drive with trans-spinal direct current stimulation in the cat. <i>Brain Stimulation</i> , 2022, , .	1.6	6
31	Role of Computational Modeling for Dose Determination. , 2019, , 233-262.		4
32	Prefrontal cortex transcranial direct current stimulation via a combined high definition and conventional electrode montage: A FEM modeling studying [PDF Not Yet Available In IEEE Xplore]. , 2012, , .		2
33	Computer-Based Models of tDCS and tACS. , 2016, , 47-66.		2
34	Transcranial Electrical Stimulation. , 2020, , 271-292.		1
35	Stimulation Parameters and Their Reporting. , 2019, , 225-231.		0
36	Evaluation of the effect of transcranial direct current stimulation on language impairments in the behavioural variant of frontotemporal dementia. <i>Brain Communications</i> , 2022, 4, fcac050.	3.3	0